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State
Department of
Agriculture

Soil
Conservation
Service

Reno,
Nevada



Nevada Water Supply Outlook

April 1, 1985



Foreward

How Forecasts Are Made

Most of the annual streamflow in the Western United States originates as snowfall. This snowfall accumulates high in the mountains during winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Predictions are based on careful measurements of snow water equivalent at selected index points. Precipitation, temperature, soil moisture and antecedent streamflow data are viewed in conjunction with snowpack data to prepare runoff forecasts. This report presents a comprehensive picture of water supply outlook conditions for areas dependent upon surface runoff. It includes selected streamflow forecasts, summarized snowpack and precipitation data, reservoir storage data and narratives describing current conditions.

Streamflow forecasts are cooperatively generated by Soil Conservation Service and National Weather Service hydrologists. Forecasts become more accurate as more data affecting runoff becomes known. For this reason forecasts are issued that reflect three future precipitation conditions — Below Normal, Average, and Above Normal. These forecasts are termed reasonable minimum, most probable, and reasonable maximum. Actual streamflow can be expected to fall between the lower and upper forecast values eight out of ten years.

Snowpack data are obtained by using a combination of manual and automated measurement methods. Manual readings of snow depth and water equivalent are taken at locations called snow courses on a monthly or semi-monthly schedule during the winter. In addition, snow water equivalent, precipitation, temperature, and other parameters are monitored on a daily basis and transmitted via radio telemetry to central data collection facilities. Both monthly and daily data are used to project snowmelt runoff.

For More Information

Copies of Monthly Water Supply Outlook Reports and other reports may be obtained from the states listed below.

STATE	ADDRESS
Alaska	Room 129, 2221 East Northern Lights Blvd., Anchorage, AK 99504
Arizona	Room 3008, Federal Building, 230 North First Ave., Phoenix, AZ 85025
Colorado (New Mexico)	2490 West 26th Ave., Denver, CO 80211
Idaho	304 North 8th Street, Room 345, Boise, ID 83702
Montana	10 East Babcock, Room 443, Federal Building, Bozeman, MT
Nevada	50 South Virginia Street, Third Floor, Reno, NV 89505
Oregon	1220 Southwest 3rd Ave., 16th Floor, Portland, OR 97204
Utah	4418 Federal Building, 125 South State Street, Salt Lake City, UT 84147
Washington	360 U.S. Court House, Spokane, WA 99201
Wyoming	Federal Building, 100 East "B" Street, Casper, WY 82602

In addition to state reports, a Water Supply Outlook Report for the Western United States is published by the Soil Conservation Service and National Weather Service monthly, January through May. Reports may be obtained from the Soil Conservation Service, West National Technical Center, 511 Northwest Broadway, Room 514, Portland, OR 97209.

Published by other agencies:

Water Supply Outlook Reports prepared by other agencies include: California — Snow Survey Branch, California Department of Water Resources, P.O. Box 388, Sacramento, CA 95802; British Columbia — The Ministry of Environment, Water Investigations Branch, Parliament Buildings, Victoria, British Columbia, V8V 1X5; Yukon Territory — Department of Indian and Northern Affairs, Northern Operations Branch, 200 Range Road, Whitehorse, Yukon Territory, Y1A 3V1; Alberta, Saskatchewan, and N.W.T. — The Water Survey of Canada, Inland Waters Branch, 110-12 Avenue S.W., Calgary, Alberta, T3C 1A6.

Nevada Water Supply Outlook and

Federal — State — Private Cooperative Snow Surveys

Issued By

Peter C. Myers
Chief
Soil Conservation Service
Washington, DC 20013

Released By

Gerald Thola
State Conservationist
Soil Conservation Service
Reno, Nevada 89505

Prepared By

John R. Capurro
Water Supply Specialist
Soil Conservation Service
50 South Virginia St., Third Floor
Reno, Nevada 89505

In Cooperation With

Roland D. Westergard
Director
Department of Conservation &
Natural Resources
Carson City, Nevada 89701

For Further Information
Please Contact
THE SOIL CONSERVATION SERVICE
in

Battle Mountain, Nevada
125 Carson Road, 153-9
Phone: 702-635-2650

Caliente, Nevada
360 Lincoln Street
Phone: 702-726-3101

Cedarville, California
USDA Building
Phone: 916-279-6110

Elko, Nevada
2002 Idaho Street
Phone: 702-738-8431

Ely, Nevada
1190 Avenue E
Phone: 702-289-4065

Eureka, Nevada
Sentinel Building
Phone: 702-237-5251

Fallon, Nevada
111 Sheckler Road
Phone: 702-423-5124

Las Vegas, Nevada
310 Almond Tree Lane
Phone: 702-388-6426

Lovelock, Nevada
1055 Cornell Street
Phone: 702-273-2134

Minden, Nevada
1694 County Road
Phone: 702-782-3661

Reno, Nevada
1281 Terminal Way
Phone: 702-784-5408

South Lake Tahoe, California
3552 Highway 50, Suite 1
Phone: 916-541-1496

Tonopah Nevada
170 Mineral Street North
Phone: 702-482-5506

Winnemucca, Nevada
1200 Winnemucca Blvd., East
Phone: 702-623-5025

Yerington, Nevada
215 West Bridge Street
Phone: 702-463-2265

TABLE OF CONTENTS

WATER SUPPLY OUTLOOK FOR NEVADA	1-2
NEVADA STREAMFLOW FORECASTS	3
RESERVOIR STORAGE	4
SNOW COURSE MEASUREMENTS (Soil Conservation Service).	5-8
SNOW MEASUREMENTS (Desert Research Institute)	9
PRECIPITATION MEASUREMENTS.	10-13
BASIN GRAPHS.	14-17

All Averages are for 1961-1980, 20 year period.

WATER SUPPLY OUTLOOK

NEVADA

SNOWPACK MEASUREMENT

Snowpack conditions improved throughout Nevada during the last month. Lake Tahoe basin water content is currently 90% of twenty year averages. This is an improvement of approximately ten percent from previous measurements. The Fallen Leaf site has 7 inches of snow water compared to an average of 2.9 inches. The current basin snow water content is 90% of last year's readings.

Truckee River snow courses also improved during the month with the basin total approximately 90% of average. The Donner Park #2 course has 17.5 inches of snow water content compared to an average of 16.8 inches.

The Carson River basin snowpack increased slightly during the last month. The basin snow water content is currently 85% of average. The Ebbetts Pass snow course has 30.2 inches of snow water content. The average for the course is 38.3 inches, and the basin snowpack is 85% of last year's values.

There was a dramatic snowpack improvement in the last thirty days within the Walker River basin. The basin is currently 85% of average, a 15% improvement since March 1. Eighteen inches of water content was measured at Virginia Lakes Ridge while 24.6 inches were recorded at Sonora Pass.

Snow water content increased in both the upper and lower Humboldt River basins. The lower basin snowpack increased by 25% since March 1. The basin is currently 145% of average. The upper basin snowpack increased 10% to 115% of average. Snow courses south of Austin are significantly above average. The Big Creek Mine course is 207% of average while the Big Creek Campground course is 200% of average. Total Humboldt River drainage is 125% of twenty year averages, but only 58% of last year's record accumulations.

The eastern Nevada basin snow water content increased approximately 30% during the last thirty days. The basin is 125% of average. The Kalamazoo Creek snow course is 155% of average with 9.4 inches of snow water. Berry Creek reported 16.0 inches of water compared to an average of 14.2 inches. The basin is 130% of last year's figures.

Snowpack conditions in the southern portion of Nevada have remained relatively stable since March 1. Measurements at Kyle Canyon show 11.8 inches of snow water. No snow was reported at the same course last year. The basin is 130% of average.

RESERVOIR STORAGE

The water stored in reservoirs and lakes and available for summer use is above average for April 1. Total water storage in the seven monitored reservoirs is 125% of average. Total storage is currently 1,110,400 acre feet, an increase of 102,200 acre feet since March 1. There are 548,000 acre feet of stored water in Lake Tahoe. This value is 130% of the April 1 average and 74% of the lake's usable capacity. Rye Patch Reservoir has 168,000 acre feet of stored water and is 86% of capacity.

STREAMFLOW FORECASTS

Streamflow forecasts for the Carson, Walker and Truckee River basins remain below average while all other forecast values are above average. The Truckee River at Farad, California is forecasted at 245,000 acre feet for the period April 1 through July 31 and is 91% of twenty year averages. The forecast for the Little Truckee River above Boca, California is 83,000 acre feet or 95% of average.

All forecast values for the Carson River are approximately 90% of average. The forecast for the Carson River near Fort Churchill, Nevada is 148,000 while the West Carson at Woodfords, California will produce 48,000 acre feet during the April to July period.

The East Walker near Bridgeport, California is forecasted at 63,000 acre feet while the East Walker near Coleville, California is expected to produce 139,000 acre feet. Both values are 95% of average.

The forecast values on the Humboldt River are above average for April 1. The forecast for the Humboldt River at Palisade, Nevada is 250,000 acre feet which is 109% of average. The Humboldt River at Comus, Nevada will produce 200,000 acre feet during the April through July period. This value is 116% of average.

STREAMFLOW FORECASTS (Thousand Acre Feet) as of: April 1, 1985

Forecasts are based on snow-water presently stored in the mountain watersheds and the assumption that precipitation will be near average throughout the forecast period. Peak flow forecasts indicate the most probable range for the maximum average 24-hour flow. All averages are for 1961-1980 period.

FORECAST POINT	Forecast Period	Forecast This Year	This Year as Percent of Average	Average
TRUCKEE RIVER				
Lake Tahoe Rise in feet	April 1			
(assuming gates closed)	to High	1.2	86	1.39
Little Truckee River abv Boca, CA	Apr-Jul	83.0	95	92.50
Truckee River at Farad, CA [1]	Apr-Jul	245.0	91	269.00
Sagehen Creek, CA	Apr-Jul	5.8	102	6.50
Galena Creek near Steamboat, NV	Apr-Jul	3.9	89	4.40
Steamboat Creek at Steamboat, NV	Apr-Jul	4.5	87	5.20
Pyramid Lake Rise	Feb 1			
	to High	1.1	100	1.1
CARSON RIVER				
E. Carson near Gardnerville, NV	Apr-Jul	170.0	91	187.00
W. Carson at Woodfords, CA	Apr-Jul	48.0	91	53.00
Carson River near Carson City, NV	Apr-Jul	160.0	88	182.00
Carson River nr Ft. Churchill, NV	Apr-Jul	148.0	89	166.00
WALKER RIVER				
E. Walker near Bridgeport, CA [2]	Apr-Aug	63.0	95	66.00
W. Walker blw L. Walker nr Coleville	Apr-Aug	139.0	94	148.00
SNAKE RIVER				
Owyhee River near Owyhee, NV [3]	Apr-Jul	110.0	129	85.40
Owyhee River near Gold Creek, NV [3]	Apr-Jul	27.0	113	23.40
S. F. Owyhee River nr White Rock, NV	Apr-Jul	115.0	139	83.00
Salmon Falls Crk. nr San Jacinto, NV	Mar-Jul	108.0	121	95.00
HUMBOLDT RIVER				
Lamoille Crk. nr Lamoille, NV	Apr-Jul	31.0	108	28.70
S. F. Humboldt abv Dixie Crk., NV	Apr-Jul	81.0	107	75.00
Mary's River abv Hot Springs, NV	Apr-Jul	42.0	114	36.90
N. F. Humboldt at Devils Gate, NV	Apr-Jul	37.0	109	34.80
Humboldt River at Palisades, NV	Apr-Jul	250.0	109	230.00
Humboldt River at Comus, NV	Apr-Jul	200.0	116	173.00
Kingston Creek near Austin, NV	Apr-Jul	4.5	136	3.30
L. Humboldt nr Paradise Valley, NV	Apr-Jul	14.0	144	9.70
Martin Creek nr Paradise Valley, NV	Apr-Jul	20.0	127	15.80
Reese River near Ione, NV	Apr-Jul	9.9	150	6.60
Rock Creek nr Battle Mountain, NV	Apr-Jul	20.0	125	16.00
NORTHERN GREAT BASIN				
Bidwell Creek nr Ft. Bidwell, CA	Apr-Jul	15.2	127	12.00
Mill Creek near Cedarville, CA	Apr-Jul	5.0	122	4.10
Deep Creek near Cedarville, CA	Apr-Jul	3.8	106	3.60
Eagle Creek near Eagleville, CA	Apr-Jul	5.1	119	4.30
Quinn River near McDermitt, NV	Apr-Jul	19.0	119	16.00
E. F. Quinn River near McDermitt, NV	Apr-Jul	14.0	108	13.00
McDermitt Creek nr McDermitt, NV	Apr-Jul	14.0	117	12.00
EASTERN NEVADA				
Franklin River near Arthur, NV	Apr-Jul	6.5	110	5.90
Steptoe Creek near Ely, NV	Apr-Jul	2.9	145	2.00
COLORADO RIVER				
Virgin River near Hurrigan, UT	Apr-Jun	74.0	119	48.00

NOTE: Streamflow forecasts which appear in this Bulletin are a coordinated activity of the National Weather Service and the Soil Conservation Service. [1] Observed flow plus change in storage in Boca, Stampede, and Prosser Reservoirs, Donner, Independence and Martis Creek Lakes, and minus the flow at Truckee.

[2] Observed flow plus change in storage in Bridgeport Reservoir.

[3] Observed flow plus change in storage in Wild Horse Reservoir.

RESERVOIR STORAGE (Thousand Acre Feet) AS OF April 1, 1985

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average†
Owyhee	Wild Horse	72++	55.0	50.6	34.7
Lower Humboldt	Rye Patch	194	168.0	69.7	118.0
Colorado	Mohave	1,810	1,732.6	1,708.9	1,700.0
Colorado	Mead	26,159	23,858.0	23,804.0	17,200.0
Tahoe	Tahoe	745	548.0	503.9	423.1
Truckee	Boca	41	18.1	31.6	21.4
Truckee	Stampede**	222	194.0	203.1	110.7*
Truckee	Prosser***	30	9.8	9.4	8.3*
Carson	Lahontan	295	244.4	218.8	226.6
West Walker	Topaz	59	34.9	59.5	43.8
East Walker	Bridgeport	42	42.0	41.8	33.5

* Adjusted average.
 ** Storage began August 1, 1969.
 *** Flood Control use allocation of 20,000 acre-feet between November 1 and April 10.

++ Capacity Increased to 72,000 Acre Feet in 1969.

TOTAL RESERVOIR STORAGE (Thousand Acre Feet)

MONTH	This Year	Last Year	Average †
October 1	976.1	705	698.1
January 1	978.6	1,211	707.7
February 1	948.5	1,041	795.8
March 1	1,008.2	992	850.7
April 1	1,110.4	976	901.1
May		1,091	1,009.3

The above data developed from Wild Horse, Rye Patch, Tahoe, Boca, Lahontan, Topaz, and Bridgeport Reservoirs in 1,000 Acre-feet.
 TOTAL USABLE CAPACITY 1448

PEAK FLOWS (MAXIMUM MEAN DAILY) (Av. flow for 24 hrs. on day of greatest flow)

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
East Fork Carson River near Gardnerville	1500-1875	1,865
Carson River near Carson City, NV	1750-2250	2,098
Carson River near Ft. Churchill, NV	1600-1950	1,914
W. Walker River below L. Walker near Coleville, CA	1250-1650	1,589

FORECAST DATE OF LOW FLOW VALUES

FORECAST POINT	Low Flow Value Second/Ft.	Forecast Date Stream Will Recede to Low Flow Value	Average Date of Low Flow Value
East Carson River near Gardnerville, NV	200	7/20	7/24
	500	6/17	6/28

+ 1961-1980

BASIN SUMMARY OF SNOW COURSE DATA

APRIL 1985

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-80

LAKE TAHOE						
ECHO PEAK (CA)	7800	3/31/85	71	28.8	45.3	36.8
ECHO SUMMIT (CA)	7450	3/29/85	98	31.6	38.0	33.1
FALLEN LEAF (CA)	6300	3/26/85	21	7.0	.0	2.9
FREEL BENCH (CA)	7300	4/01/85	31	9.8	6.0	10.9
GLENBROOK #2	6900	4/01/85	40	11.7	9.2	11.6
HAGANS MEADOW (CA)	8000	4/01/85	37	13.4	14.5	17.5
HEAVENLY VALLEY (CA)	8850	3/26/85	60	19.5	28.2	27.8
LAKE LUCILLE (CA)	8200	4/05/85	127	52.5	75.9	57.3
MARLETTE LAKE	8000	3/31/85	60	18.1	24.6	22.1
RICHARDSONS #2 (CA)	6500	4/01/85	56	16.4	10.4	15.8
RUBICON #1 (CA)	8100	4/05/85	121	47.4	58.9	48.6
RUBICON #2 (CA)	7500	4/05/85	69	28.6	32.0	29.4
TAHOE CITY CROSS(CA)	6750	3/30/85	57	18.5	13.8	19.5
TRUCKEE, UPPER (CA)	6400	4/01/85	30	10.8	3.2	8.5
WARD CREEK #2 (CA)	7000	3/25/85	81	30.3	40.9	41.6
WARD CREEK #3 (CA)	6750	3/31/85	93	36.5	34.5	32.0
TRUCKEE RIVER						
BIG MEADOWS	8300	3/31/85	82	27.3	23.0	--
BROCKWAY SUMMIT (CA)	7100	3/30/85	57	17.2	13.7	14.1
CASTLE CREEK (CA)	7400	4/01/85	111	46.5	59.8	50.2
DONNER PARK #2 (CA)	6000	3/31/85	56	17.5	6.8	16.8
DONNER SUMMIT (CA)	6900	4/03/85	77	34.8	27.3	37.8
FORDYCE LAKE (CA)	6500	3/25/85	76	32.6	37.2	40.6
FURNACE FLAT (CA)	6700	3/25/85	91	38.1	48.2	47.6
INDEPENDENCE CAMP CA	7000	3/31/85	60	22.6	18.4	22.4
INDEPENDENCE CREEK	6500	3/31/85	52	15.1	10.5	12.9
INDEPENDENCE LAKE CA	8450	3/31/85	109	40.6	51.3	41.6
MT. ROSE	9000	3/31/85	96	29.9	32.2	35.9
MT. ROSE SKI AREA	9000	3/25/85	84	31.5	49.1	42.0
SAGEHEN CREEK (CA)	6500	4/01/85	60	18.0E	6.4	17.6
SQUAW VALLEY #2 (CA)	7500	4/02/85	102	37.9	59.6	48.2
SQUAW VALLEY G.C., CA	8200	3/21/85	87	37.9	65.8	53.2
TAHOE CITY CROSS(CA)	6750	3/30/85	57	18.5	13.8	19.5
TRUCKEE #2 (CA)	6400	3/30/85	54	14.8	8.0	14.5
WEBBER LAKE (CA)	7000	3/29/85	103	34.0	34.6	30.2
WEBBER PEAK (CA)	8000	3/29/85	118	41.0	51.0	42.6

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-80

CARSON RIVER						
BLUE LAKES (CA)	8000	3/31/85	98	33.8	38.0	35.6
CARSON PASS, UP (CA)	8600	3/29/85	98	32.3	35.5	34.3
EBBETTS PASS #2 (CA)	8700	4/01/85	83	30.2	41.5	38.3
FISH VALLEY, UP AM, CA	8050	4/01/85	47	14.1	5.4	14.3
MONITOR PASS AM(CA)	8350	4/01/85	53	16.1	18.9	--
POISON FLAT #2 (CA)	7900	4/01/85	44	13.2	13.0	18.5
SPRATT CREEK (CA)	6080	4/01/85	11	3.8	.0	3.3
19L31 IS NOT ON FILE						
19L20 IS NOT ON FILE						
WALKER RIVER						
CENTER MOUNTAIN (CA)	9400	4/01/85	97	27.2F	42.0	37.1
LEAVITT LAKE (CA)	9400	4/01/85	114	39.0	58.4	45.9
LEAVITT MEADOWS (CA)	7200	4/01/85	24	8.6	.0	8.2
LOBDELL LAKE (CA)	9200	4/01/85	60	16.2	15.7	17.2
SAWMILL RIDGE (CA)	8750	4/01/85	58	16.3	16.8	19.6
SONORA PASS (CA)	8800	4/01/85	63	21.5	26.9	24.9
TIOGA PASS (CA)	9900	3/31/85	57	21.0	36.9	26.7
VIRGINIA LAKES (CA)	9500	4/01/85	43	12.1	15.1	17.7
VIRGINIA LAKES RIDGE	9200	4/01/85	63	18.0	19.5	18.7
WILLOW FLAT (CA)	8250	4/01/85	32	10.6	9.2	10.8
NORTHERN GREAT BASIN						
BALD MOUNTAIN AM	6720	4/01/85	12	3.4	7.1	2.7
BARBER CREEK (CA)	6500	3/27/85	48	15.3	17.2	11.5
CEDAR PASS (CA)	7100	3/26/85	52	19.0	21.1	16.8
DISASTER PEAK	6500	3/29/85	39	12.4	25.2	11.6
DISMAL SWAMP #2 (CA)	7000	3/28/85	89	31.9	42.0	27.0
FORTY-NINE MOUNTAIN	6000	4/01/85	26	7.9	4.3	--
GOVERNMENT CORRALS	7450	3/28/85	61	19.8	26.0	14.3
HAYS CANYON	6400	3/27/85	20	5.4	.0	--
LITTLE BALLY MTN. AM	6000	4/01/85	2	.4	3.6	2.3
MT. BIDWELL (CA)	7200	3/28/85	77	28.6	34.2	24.7
OREGON CANYON AM	6950	4/01/85	35	11.6	8.9	5.0
QUINN RIDGE (OR) AM	6300	4/01/85	12	3.4F	5.0	.9
RESERVATION CR. (CA)	5900	4/01/85	36	13.4	18.5	10.9
TROUT CREEK AM	7800	4/01/85	39	12.9	21.1	9.2

SNOW COURSE		ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-80

HUMBOLDT RIVER, UPPER							
AMERICAN BEAUTY	AM	7800	3/30/85	35	10.5	27.0	9.2
CORRAL CANYON		8500	3/30/85	60	18.0	29.3	18.3
DORSEY BASIN		8100	3/30/85	45	13.5	31.9	13.6
DRAW CREEK #2		7450	3/29/85	49	12.7	20.8	--
DRY CREEK		6500	3/30/85	12	3.3	16.1	1.6
FRY CANYON		6700	3/29/85	26	7.1	15.1	6.1
GREEN MOUNTAIN		8000	3/30/85	40	12.8	30.7	13.0
HARRISON PASS #1		6600	3/30/85	14	4.2	10.0	2.4
HARRISON PASS #2		7400	3/30/85	23	6.8	14.4	5.0
LAMOILLE #1		7100	3/30/85	44	12.1	18.3	8.5
LAMOILLE #3		7700	3/30/85	48	13.3	22.6	12.5
LAMOILLE #5		8700	3/30/85	78	26.1	42.8	28.0
POLE CANYON #2		7700	3/30/85	45	14.4	40.9	12.0
RODEO FLAT		6800	3/29/85	34	8.2	17.7	5.4
RYAN RANCH		5800	3/29/85	0	.0	2.5	.1
SMITH CREEK		7700	3/30/85	44	12.8	28.2	13.8
TENT MTN, LOWER	AM	7000	3/30/85	36	9.4	19.3	4.6
TENT MTN, UPPER	AM	8350	3/30/85	79	24.5	34.4	20.9
TREMEWAN RANCH		5700	3/29/85	0	.0	3.3	.2
TROUT CREEK, LOWER		6900	3/30/85	23	5.2	11.5	3.2
HUMBOLDT RIVER, LOWER							
BIG CREEK CAMPGROUND		6600	3/20/85	7	2.0	4.4	1.0
BIG CREEK MINE		7600	3/20/85	28	8.9	13.0	4.3
BIG CREEK SUMMIT		8700	3/20/85	62	21.7	21.7	12.0
BIG CREEK, UPPER		7800	3/20/85	30	9.1	17.0	7.2
BUCKSKIN, LOWER		6700	3/20/85	30	9.0	24.7	7.6
GOLCONDA #2		6000	3/27/85	30	6.8	15.7	3.0
GRANITE PEAK		7800	3/20/85	53	21.4	32.7	15.9
LAMANCE CREEK		6000	3/25/85	28	9.8	31.1	7.2
MARTIN CREEK		6700	3/20/85	40	10.9	17.0	9.2
MIDAS		7200	3/30/85	9	2.5	7.4	1.7
SNOWSTORM MTN	AM	7420	3/30/85	47	13.2	25.2	6.4
TOE JAM AM	AM	7700	3/30/85	31	6.5	25.1	7.9
LOWER COLORADO RIVER							
CORDUROY FLAT		8720	4/01/85	16	4.8	9.0	--
KYLE CANYON		8200	3/26/85	30	11.8	.0	7.6
LEE CANYON #2		9000	3/26/85	25	9.0	2.6	7.7
LEE CANYON #3		8500	3/26/85	29	9.1	.0	6.3
RAINBOW CANYON #2		8100	3/26/85	41	15.4	2.2	13.4
WHITE RIVER #1		7400	4/01/85	8	2.6	1.9	1.8

SNOW COURSE		ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-80

EASTERN NEVADA							
BAKER CREEK #1		7950	3/29/85	35	8.0	6.3	5.8
BAKER CREEK #2		8950	3/27/85	62	16.2	16.5	12.8
BAKER CREEK #3	AM	9250	4/01/85	69	22.0	17.3	15.5
BERRY CREEK		9100	4/01/85	52	16.0	22.7	14.2
BIRD CREEK		7500	3/28/85	20	5.1	5.3	2.1
DEFIANCE MINES	AM	9400	4/01/85	60	17.9	24.0	16.6
HOLE-IN-MOUNTAIN		7900	3/30/85	61	19.9	46.7	22.1
KALAMAZOO CREEK		7400	3/28/85	37	9.4	15.2	6.1
MURRAY SUMMIT		7250	3/28/85	5	1.0	1.3	1.3
ROBINSON SUMMIT		7600	3/29/85	3	.8	.9	1.0
SILVER CREEK #2	AM	8000	4/01/85	24	6.8	9.5	5.1
WARD MOUNTAIN #2	AM	9200	4/01/85	44	13.3	13.2	7.7
SNAKE RIVER							
BEAR CREEK		7800	4/01/85	74	24.6	33.8	21.2
FOX CREEK		6800	4/01/85	47	14.3	17.5	10.0
GOAT CREEK		8800	4/01/85	68	20.8	31.1	18.8
HUMMINGBIRD SPRINGS		8950	4/01/85	81	25.8	36.0	24.0
JAKES CREEK	AM	7000	3/30/85	23	6.4	22.2	--
MERRIT MOUNTAIN	AM	7000	3/30/85	37	9.2	14.3	5.3
POLE CREEK R.S.		8330	4/01/85	74	24.8	33.2	22.7
SEVENTYSIX CREEK		7100	3/29/85	41	10.9	22.6	11.8
STAG MOUNTAIN	AM	7700	3/30/85	19	4.9	28.1	4.8
OWYHEE RIVER							
BIG BEND		6700	4/01/85	30	7.6	15.5	8.6
COLUMBIA BASIN	AM	6650	3/30/85	35	8.7	21.0	6.9
FAWN CREEK #2		7050	3/29/85	69	18.7	34.1	18.5
GOLD CREEK		6600	3/29/85	15	4.2	11.1	5.0
JACK CREEK, LOWER		6800	3/29/85	18	3.5	16.1	2.7
JACK CREEK, UPPER		7250	3/29/85	37	9.0	24.7	9.7
JACK CREEK #2, UPPER		7280	4/01/85	56	17.5	34.5	18.5
JACKS PEAK		8420	3/29/85	86	22.1	54.0	24.3
LAUREL DRAW		6700	3/29/85	51	12.1	19.6	7.5
LOUSE CANYON	AM	6440	4/01/85	29	9.3	20.0	4.5
TAYLOR CANYON		6200	3/29/85	26	7.2	10.3	2.8

DESERT RESEARCH INSTITUTE
TAHOE-TRUCKEE BASIN

S N O W M E A S U R E M E N T S

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH (inches)	WATER CONTENT (inches)	LAST YEAR (inches)
Alder Creek	6,960	3/29/85	119	29.0	49.4
Apollo Way	7,300	3/30/85	25	5.8	0.0
Bennett Flat	6,200	3/29/85	53	13.9	5.7
Brockway Summit	7,200	3/29/85	78	20.0	20.1
Cabin Creek	6,540	3/29/85	56	15.5	5.6
Clear Creek	5,800	3/29/85	8	1.6	0.0
Cliff Ranch, Franktown	5,250	3/31/85	11	2.2	0.0
Davis Creek	5,160	3/31/85	12	2.7	0.0
Evergreen Hills Road	5,700	3/30/85	18	3.3	0.0
Fuller Lake	6,200	3/31/85	12	2.8	0.0
Galena Creek	7,440	3/30/85	61	16.6	20.0
Henness Past Jct.	6,410	3/29/85	74	17.8	12.4
Hobart Mill	5,850	3/29/85	44	10.6	0.0
Incline Creek	6,235	3/29/85	24	5.8	0.0
Jones Creek	6,000	3/30/85	14	2.5	0.0
Joy Lake	6,000	3/31/85	15	3.0	0.0
Jct. 395 and NV 27	4,590	3/30/85	0	0.0	0.0
Lancer	5,110	3/30/85	7	1.8	0.0
Little Valley	6,540	3/31/85	28	9.0	0.0
Mount Rose Resort	8,280	3/30/85	85	27.2	37.6
North Star Fire Dept.	6,320	3/29/85	38	6.7	0.0
RNR Forestry Site	6,400	3/30/85	42	10.4	0.0
Reindeer Lodge	7,060	3/30/85	39	10.9	0.0
Sagehen Creek	6,340	3/31/85	51	12.8	2.5
Sky Tavern	7,620	3/30/85	52	17.3	18.7
Spooner Summit	7,260	3/29/85	42	12.2	12.4
Squaw Valley Fire Dept.	6,240	3/29/85	48	11.7	0.0
Tahoe City	6,240	3/29/85	43	10.4	0.0
Tahoe Meadows	8,540	3/30/85	104	33.5	50.1
Tamarack Lake	8,820	3/30/85	94	28.9	37.4
Third Creek	8,000	3/30/85	52	18.7	23.0
Thunder Cliff	6,200	3/29/85	56	14.8	0.0
Truckee-Tahoe Airport	5,900	3/29/85	25	5	0.0
Whites Creek	5,670	3/30/85	11	2.6	0.0

P R E C I P I T A T I O N D A T A

APRIL 1985

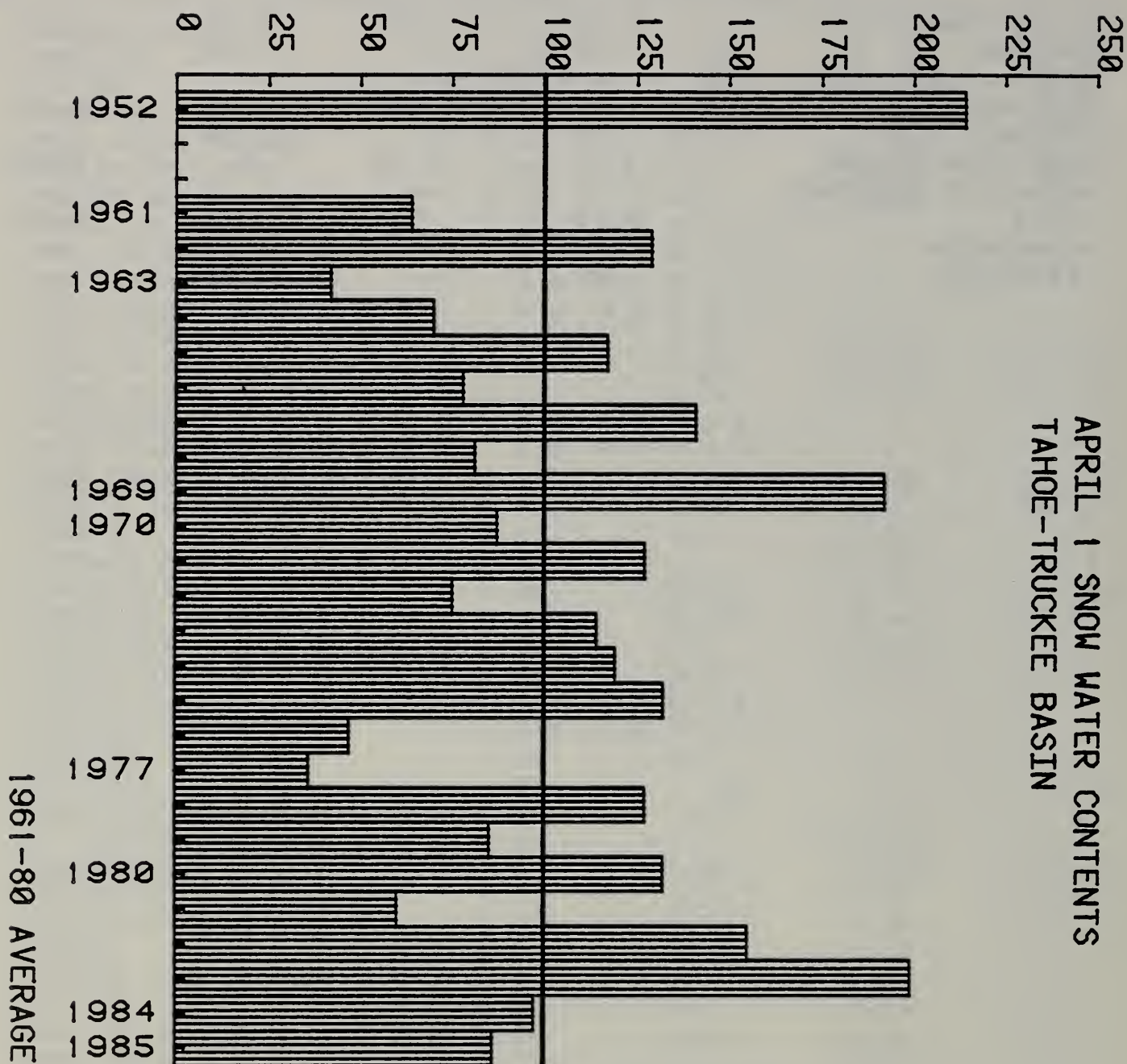
PRECIPITATION STATION	MARCH		WATER YEAR	
	THIS YEAR	61-80 AVERAGE	TOTAL TO DATE	61-80 AVERAGE
<hr/>				
ALTURAS	.78	1.19	6.89	8.41
BIG MEADOWS, NV	6.60	10.10	26.60	46.40
BISHOP WSO	.06	---	3.30	---
BLUE CANYON	10.06	---	44.69	---
BLUE LAKES, CA	8.00	10.80	56.70	47.52
BOCA	3.88	2.49	16.63	17.57
BRIDGEPORT-SHERIF	.43	.84	6.33	8.52
BRIDGEPORT R.S.	1.30	---	5.25	---
CEDAR PASS, CA	3.70	5.04	23.70	24.81
CEDARVILLE	.87	1.18	7.73	10.04
DAGGETT PASS	4.03	---	15.09	---
DISMAL SWAMP, CA	6.00	7.55	35.80	39.90
DONNER PARK, CA	6.16	5.19	---	32.84
EBBETTS PASS, CA	16.60	7.61	---	43.51
ECHO PEAK, CA	10.10	7.19	---	47.74
ECHO SUMMIT (S.S.R.)	8.47	---	38.03	---
ELLERY LAKE	3.58	2.51	15.78	17.15
FALLEN LEAF, CA	N O	R E P O R T		
FT BIDWELL	1.61	1.39	11.31	11.21
GEIGER SUMMIT	2.82	---	10.34	---
GLENBROOK, NV	2.40	1.89	10.34	13.49
HAGAN'S MEADOW, CA	5.60	4.68	20.80	25.97
HAPPY CAMP, CA	5.19	6.63	42.35	48.55
HEAVENLY VALLEY, CA	6.30	5.70	22.50	28.72
HETCH-HETCHY	6.40	4.89	24.33	28.25
INCLINE VILLAGE	4.91	---	18.27	---
INDEPENDENCE CAMP, CA	N O	R E P O R T		
INDEPENDENCE CREEK, C	7.70	4.18	---	30.55
INDEPENDENCE LAKE, CA	7.10	5.83	---	38.05
KINGSBURY GRADE	N O	R E P O R T		
LEAVITT MEADOW, CA	5.60	4.83	20.10	34.63
LITTLE VALLEY, NV	N O	R E P O R T		
LOBDELL LAKE, CA	6.40	3.83	26.00	20.37
MAMMOTH R.S.	N O	R E P O R T		
MAMMOTH (MIDWAY)	N O	R E P O R T		
MARLETTE LAKE, NV	5.60	5.72	24.70	28.27
MEYERS	N O	R E P O R T		
MT. ROSE, NV	7.50	3.48	27.00	26.33
MT. ROSE SKI AREA, NV	9.90	8.65	39.90	57.96
PINE NUT MTNS., LOWER	N O	R E P O R T		

PRECIPITATION STATION	MARCH		WATER YEAR	
	THIS YEAR	61-80 AVERAGE	TOTAL TO DATE	61-80 AVERAGE
PINE NUT MTNS., UPPER	N O R E P O R T			
POISON FLAT, CA	6.70	4.64	27.70	28.49
RUBICON #2, CA	7.40	8.06	31.40	41.76
SAGEHEN CREEK	N O R E P O R T			
SIERRAVILLE R.S.	4.91	---	18.44	---
S LAKE TAHOE APRT	4.42	---	17.44	---
SONORA PASS, CA	7.60	5.39	28.70	29.36
SPRATT CREEK, CA	6.00	6.40	23.30	32.15
SQUAW VALLEY G C	N O R E P O R T			
SUSANVILLE ARPT	1.36	---	8.15	---
TAHOE CITY-DUKES	5.90	3.92	21.71	27.75
TAHOE CITY-USCG	4.90	---	16.96	---
TAHOE CITY CROSS, CA	5.40	3.48	24.60	36.71
TRUCKEE ARPT	4.46	---	14.86	---
TRUCKEE F/P	10.50	---	27.20	---
TRUCKEE RS	6.47	4.00	25.51	27.13
TRUCKEE #2, CA	6.70	4.93	23.40	32.36
TWIN LAKES	9.15	6.90	30.44	40.58
VIRGINIA LAKES, CA	4.40	3.73	20.20	10.24
WARD CREEK #3, CA	10.50	8.96	47.30	57.71
WET MEADOWS, CA	9.60	6.73	37.70	39.88
WOODFORDS	3.42	2.01	13.59	16.49
ZEPHER COVE	N O R E P O R T			
ARTHUR 4NW, NV	2.47	1.28	9.37	8.63
AUSTIN, NV	3.02	1.54	8.90	7.12
BATTLE MOUNTAIN, NV	.53	.68	4.06	4.81
BEAR CREEK, NV	2.70	4.14	22.10	21.38
BERRY CREEK, NV	4.20	4.83	---	18.38
BIG BEND, NV	1.00	2.05	9.20	11.58
BIG CREEK SUMMIT, NV	5.00	5.20	18.30	13.40
BOIES RESERVOIR	N O R E P O R T			
BUCKSKIN LOWER, NV	2.70	3.83	16.20	18.03
CALIENTE	.48	---	4.49	---
CARSON CITY	.78	---	6.16	---
CEDAR PASS	3.70	---	28.30	---
CEDARVILLE	.87	1.18	7.73	10.04
CONTACT	1.57	.66	4.58	4.44
CORRAL CANYON, NV	N O R E P O R T			
DEETH	1.32	---	6.43	---
DENIO	.57	.80	8.05	4.95
DESSERT ROCK	.08	---	4.71	---
DIAMOND PEAK	4.00	---	12.90	---
DISMAL SWAMP	6.00	---	35.80	---
DISASTER PEAK, NV	3.10	2.26	15.20	16.21
DORSEY BASIN, NV	3.90	3.27	18.80	19.47
DRAW CREEK	5.90	---	---	---

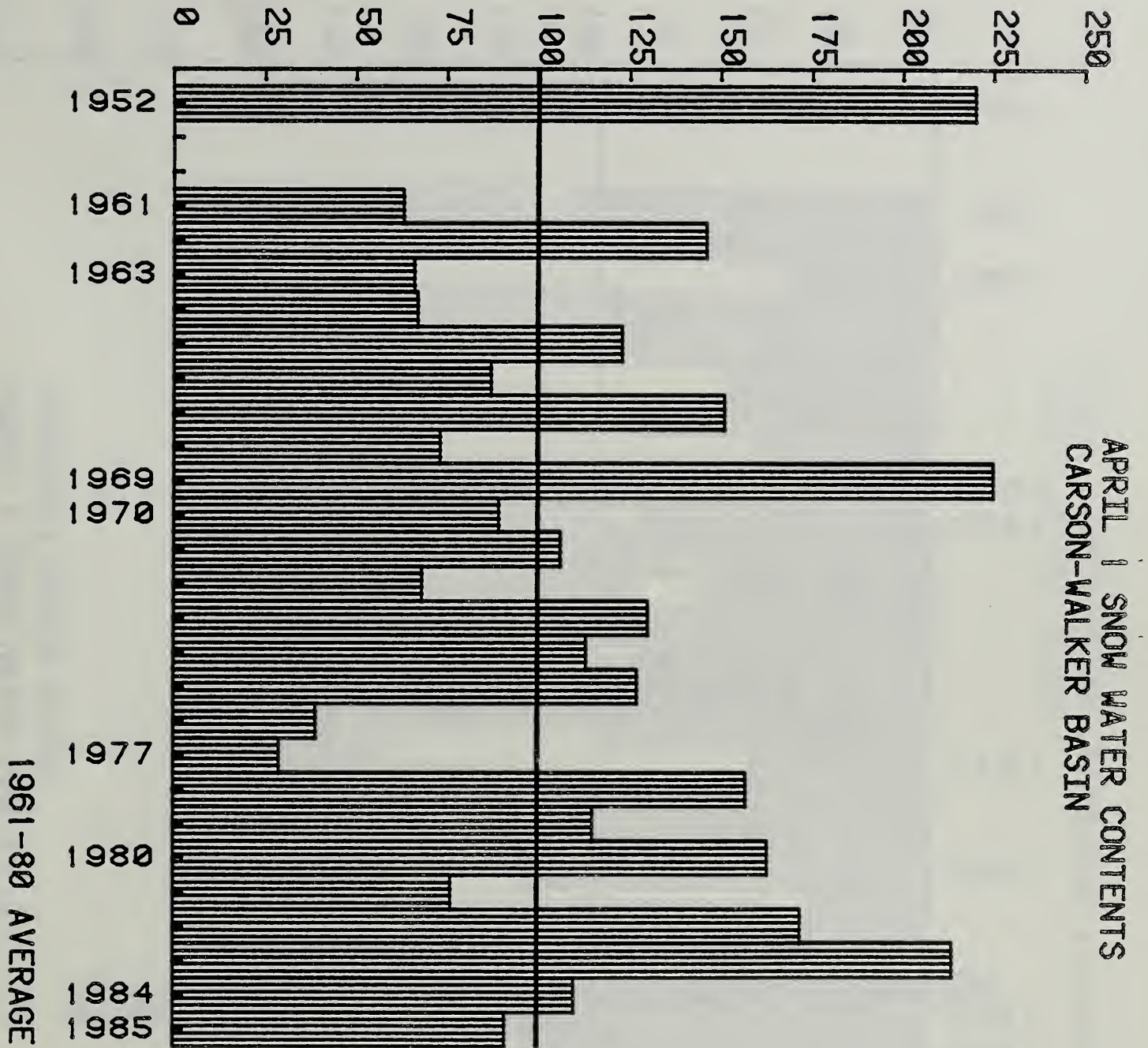
PRECIPITATION STATION	MARCH		WATER YEAR	
	THIS YEAR	61-80 AVERAGE	TOTAL TO DATE	61-80 AVERAGE
DUFURRENA, NV	.47	.51	5.17	3.70
ELKO, NV	1.09	.85	5.38	5.44
ELY, NV	1.07	.89	5.14	4.37
EMIGRANT PASS, NV	1.44	1.19	7.53	6.59
FAWN CREEK #2, NV	4.40	5.18	21.70	16.28
FALLON EXP. STN.	.92	---	2.75	---
FALLON NAS	1.22	---	2.96	---
FERGUSON RANCH	N O	R E P O R T		
FORD CORRAL	N O	R E P O R T		
FRY CANYON	N O	R E P O R T		
FORTY-NINE MOUNTAIN	N O	R E P O R T		
GOAT CREEK, NV	5.90	5.20	23.00	23.57
GRANITE PEAK, NV	3.50	5.35	22.10	22.55
GREEN MOUNTAIN, NV	3.10	2.74	18.60	23.14
HAWTHORNE	N O	R E P O R T		
HOLE-IN-MOUNTAIN, NV	N O	R E P O R T		
JACK CREEK , UPPER, N	3.30	4.40	17.50	20.04
JACK'S PEAK, NV	4.50	5.09	21.40	36.20
JIGG'S	1.02	---	5.92	---
LAMANCE CREEK	2.20	---	16.70	---
LAMOILLE, NV	1.46	1.92	8.72	9.13
LAMOILLE #3, NV	5.00	5.18	18.40	19.49
LAS VEGAS	.06	---	2.90	---
LAUREL DRAW, NV	3.80	3.36	18.40	18.86
LOVELOCK FAA	N O	R E P O R T		
MARTIN CREEK RS, NV	N O	R E P O R T		
MINDEN	.34	---	---	---
MONTELLO	.72	.46	---	3.10
MOUNTAIN CITY RS, NV	.93	.99	5.84	7.30
MT. ROSE/XMAS TREE	3.90	---	14.30	---
OROVADA, NV	.63	1.04	6.00	6.04
OWYHEE, NV	1.31	1.39	7.37	7.61
PARADISE VALLEY, NV	1.07	.73	6.99	6.01
PEQUOP	1.51	---	5.28	---
PINYON MINE (NE WMC)	.58	---	4.79	---
PIOCHE	2.06	---	7.55	---
POLE CREEK RS, NV	2.60	2.56	11.90	13.89
RENO WSFO	1.07	---	4.34	---
RENO UNR	N O	R E P O R T		
RODEO FLAT, NV	N O	R E P O R T		
RUBY LAKE	1.42	---	8.16	---
SEVENTYSIX CREEK, NV	1.40	1.80	11.80	14.47
SKY TAVERN	N O	R E P O R T		
SPARKS-FIRE DEPT	N O	R E P O R T		
SPARKS-COBB	N O	R E P O R T		
STATELINE	N O	R E P O R T		

PRECIPITATION STATION	MARCH		WATER YEAR	
	THIS YEAR	61-80 AVERAGE	TOTAL TO DATE	61-80 AVERAGE
TAYLOR CANYON, NV	1.00	1.45	7.00	8.62
TONOPAH	.43	---	2.29	---
TROUT CREEK, LOWER	N O R E P O R T			
TUSCARORA, NV	1.43	.93	7.59	6.50
VIRGINIA CITY	3.70	---	11.88	---
WARD MOUNTAIN, NV	3.10	6.35	---	17.55
WILDHORSE RESERVOIR	1.22	---	6.81	---
WELLS	1.60	.73	5.57	5.03
WINNEMUCCA	.73	---	5.79	---
YERINGTON	.82	---	2.06	---

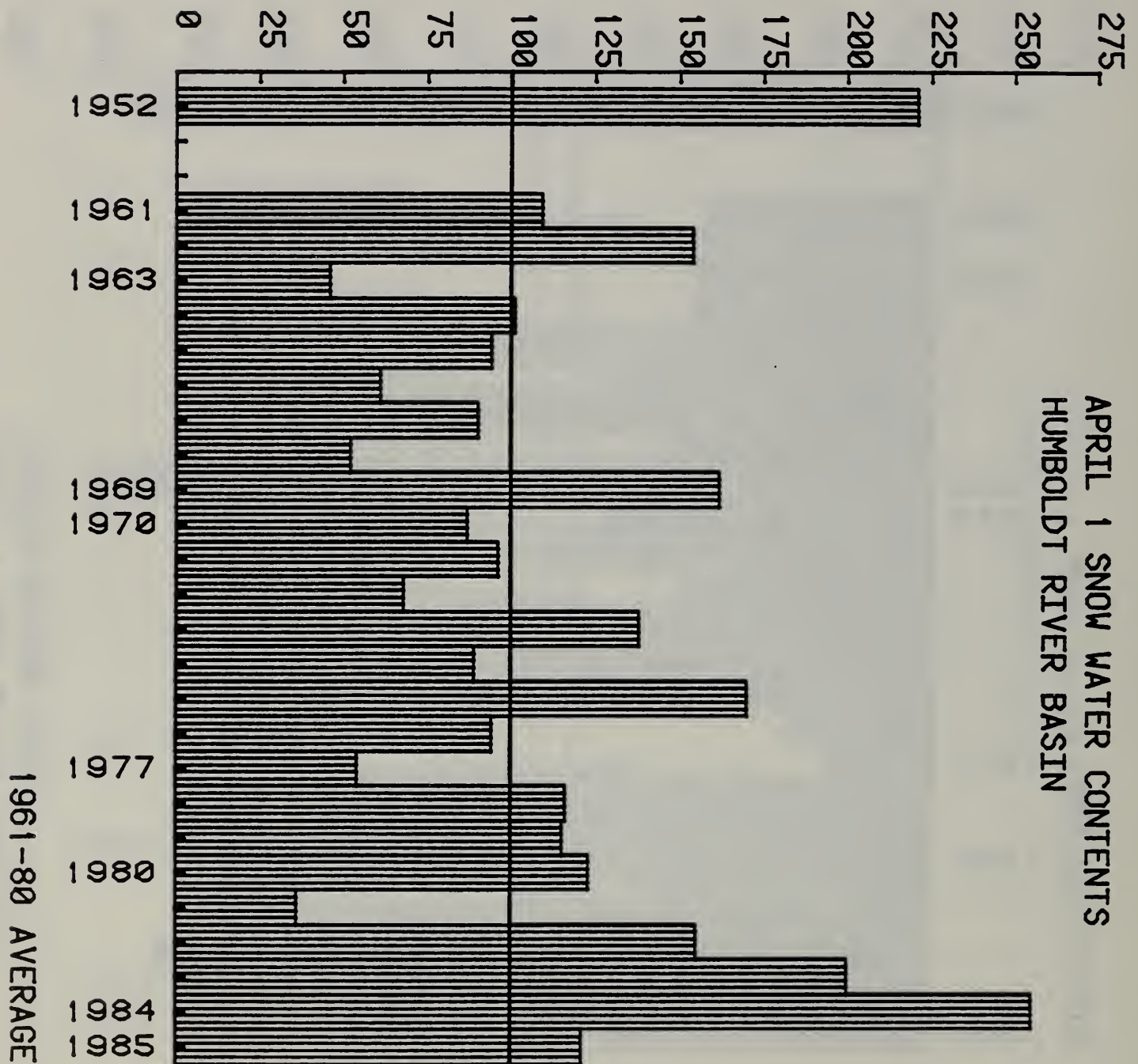
BASIN AVERAGE SNOW WATER CONTENT,
PERCENT OF APRIL 1 AVERAGE



BASIN AVERAGE SNOW WATER CONTENT,
PERCENT OF APRIL 1 AVERAGE

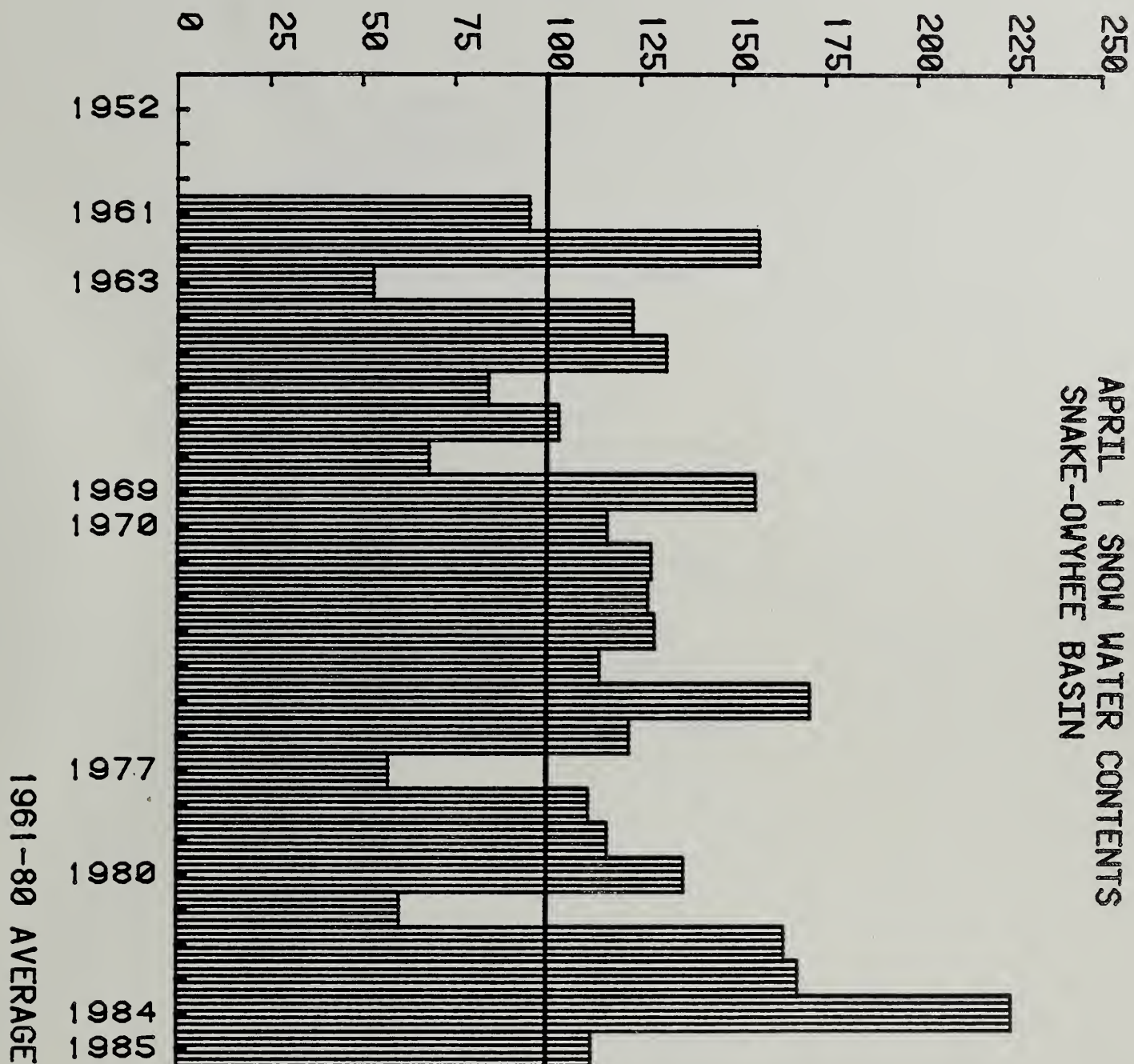


BASIN AVERAGE SNOW WATER CONTENT,
PERCENT OF APRIL 1 AVERAGE



BASIN AVERAGE SNOW WATER CONTENT,
PERCENT OF APRIL 1 AVERAGE

APRIL 1 SNOW WATER CONTENTS
SNAKE-OWYHEE BASIN



AGENCIES COOPERATING IN COLLECTING DATA CONTAINED IN THIS BULLETIN

FEDERAL

- Agricultural Research Service
- Bureau of Reclamation
- Fish and Wildlife Service
- Forest Service
- Geological Survey
- Soil Conservation Service
- U.S. District Court - Federal Water Master
- NOAA, National Weather Service

STATE

- California Cooperative Snow Surveys
- California Department of Parks and Recreation
- California Department of Water Resources
- Colorado River Commission of Nevada
- Idaho Cooperative Snow Surveys
- Nevada Association of Conservation Districts
- Nevada Department of Conservation & Natural Resources
 - Division of Water Resources
 - Nevada State Forester
 - Division of Conservation Districts
- Oregon Cooperative Snow Surveys
- University of Nevada, Desert Research Institute
- Utah Cooperative Snow Surveys

PRIVATE

- Amalgamated Sugar Company
- Kennecott Copper Corporation
- Nevada Irrigation District
- Owyhee Project North Board of Control
- Owyhee Project South Board of Control
- Pacific Gas and Electric Company
- Pershing County Water Conservation District
- Sierra Pacific Power Company
- Truckee - Carson Irrigation District
- Walker River Irrigation District
- Washoe County Water Conservancy District

Other organizations and individuals furnish valuable information for the snow survey reports. Their cooperation is gratefully acknowledged.

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